



PTO/SB/21 (03-03)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10 / 697,133	
	Filing Date	10/30/2003	
	First Named Inventor	Philip	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	12	Attorney Docket Number	PST

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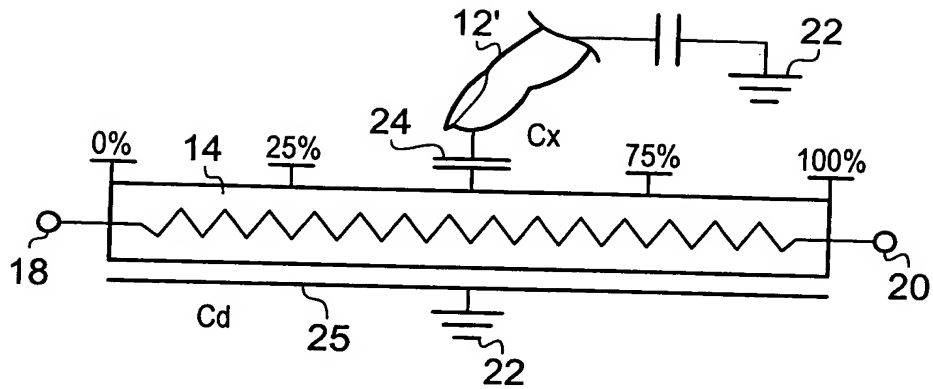


Fig. 1

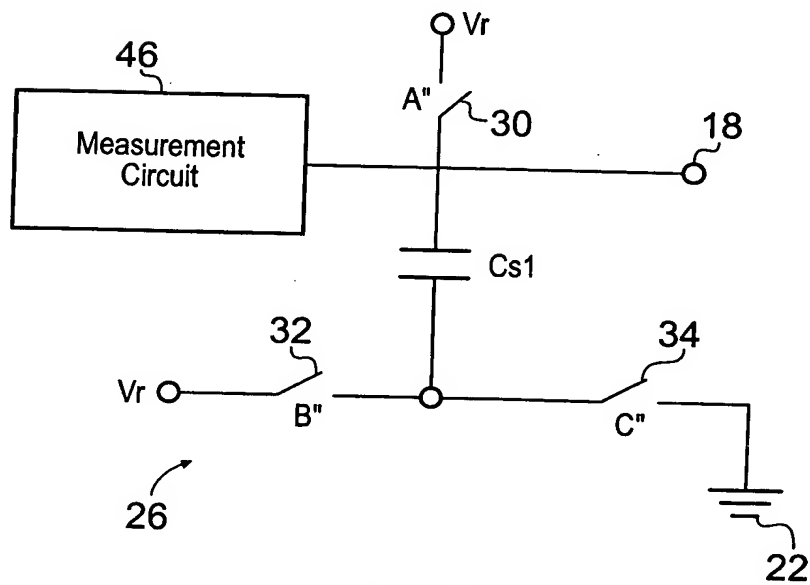
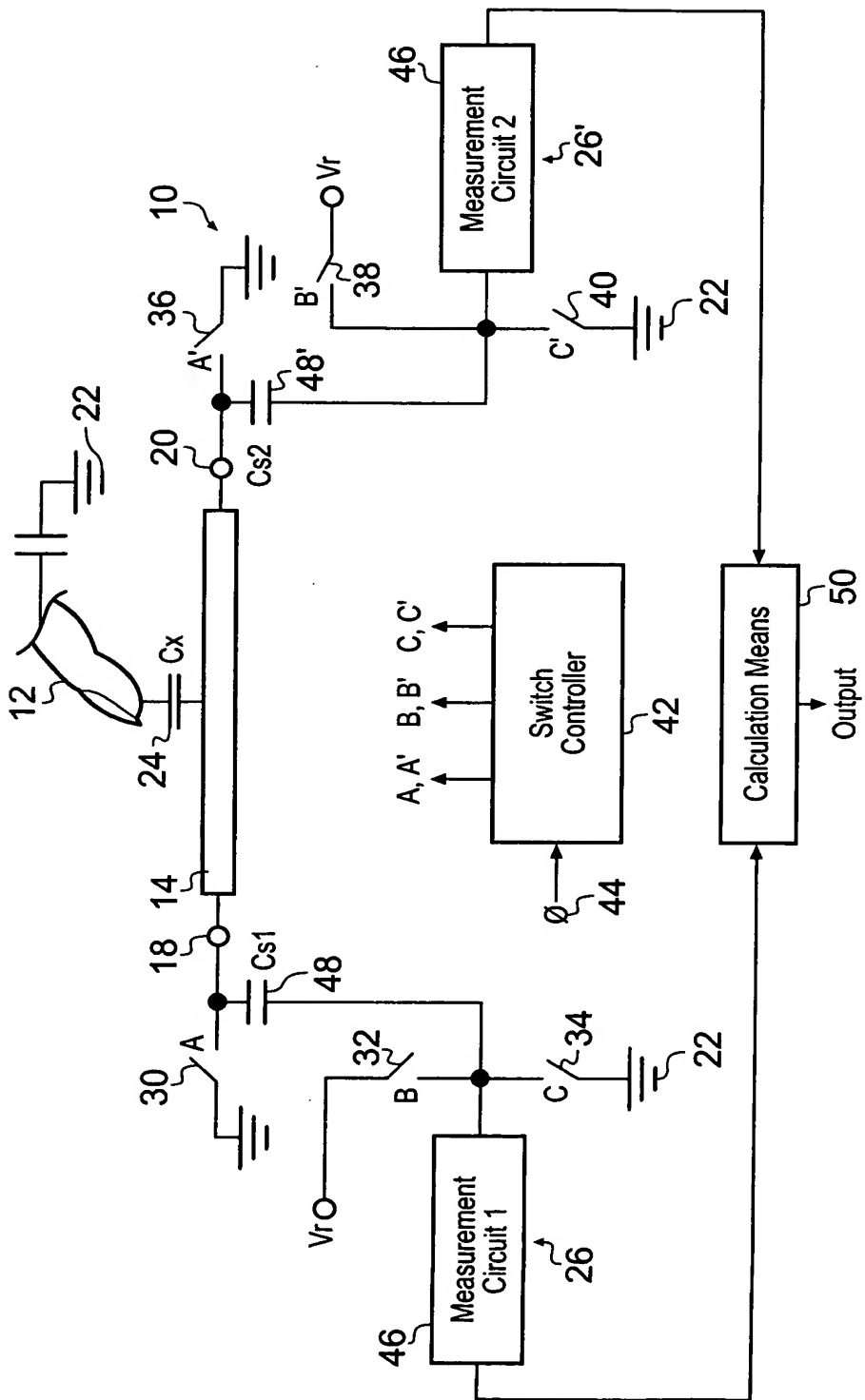


Fig. 2c



**Fig. 2a**

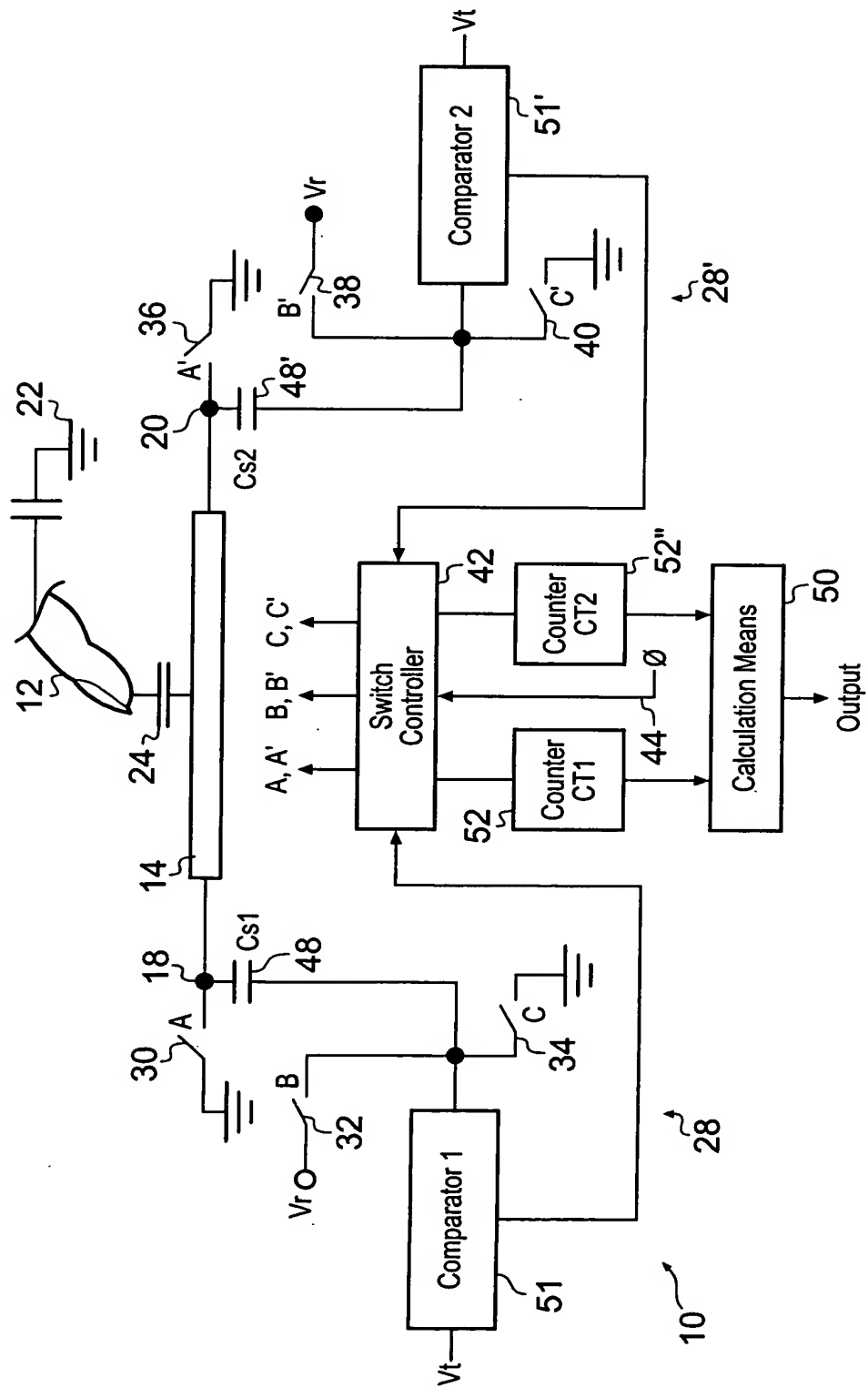


Fig. 2b

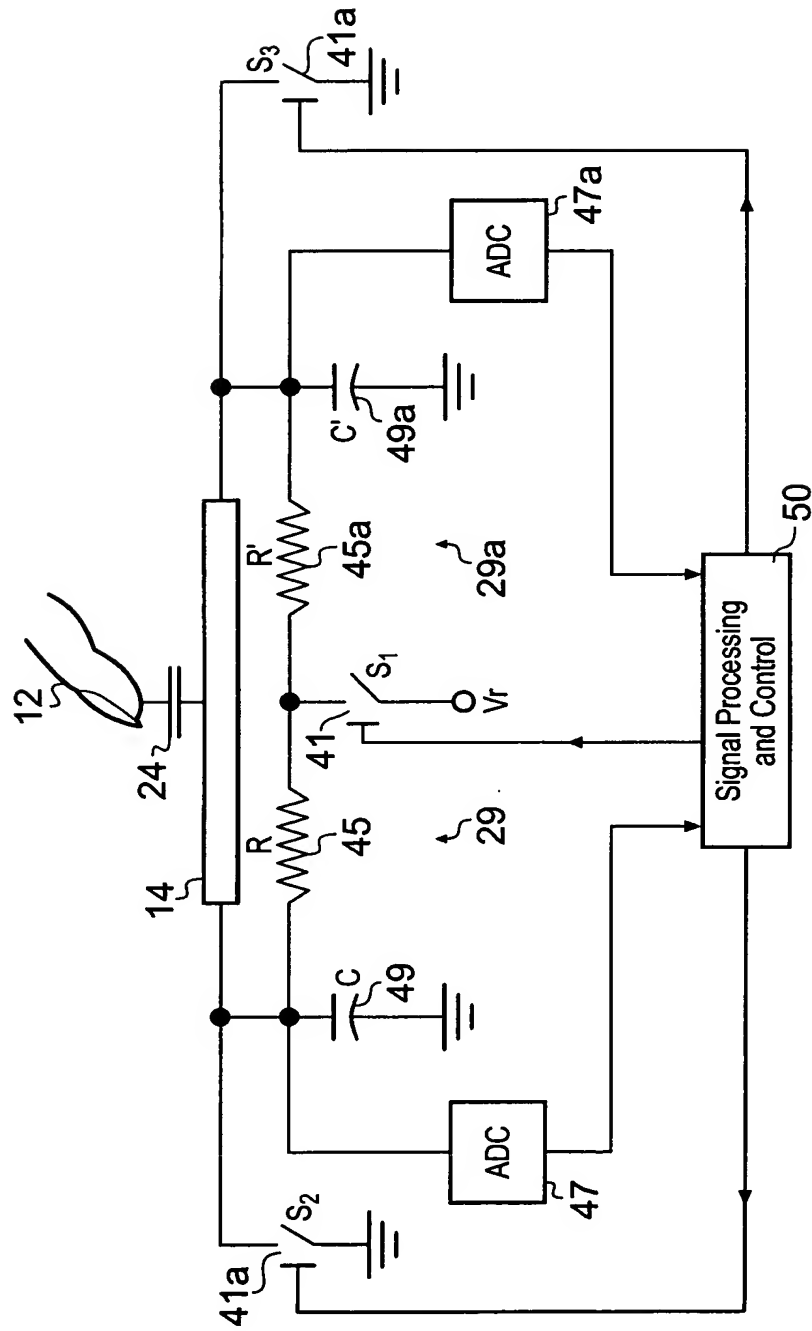


Fig. 2d

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Switching Sequence of A, A', B, B', C, C' for Figure 2A

- 1 Close A, A', C, C' (reset Cs1, Cs2)
- 2 Float all switches
- 3 Close B, B' (charge Cs1, Cs2)
- 4 Float all switches
- 5 Close A, A' (clamp strip to ground)
- 6 Measure 1, 2
- 7 goto step 1 (if desired)

Fig. 3A

Switching Sequence of A, A', B, B', C, C' for Figure 2B

- 1 Reset Counters CT1, CT2
- 2 Close A, A', C, C' (reset Cs1, Cs2)
- 3 Float all switches
- 4 Close B, B' (charge Cs1, Cs2)
- 5 Float all switches
- 6 Close A, A' (clamp strip to ground)
- 7 If  $(VCs1 < V_t)$  then increment CT1;  
If  $(VCs2 < V_t)$  then increment CT2
- 8 If  $((VCs1 < V_t) \text{ or } (VCs2 < V_t))$  then goto step 3
- 9 Float all switches
- 10 goto step 1 to repeat (if desired)

Fig. 3B

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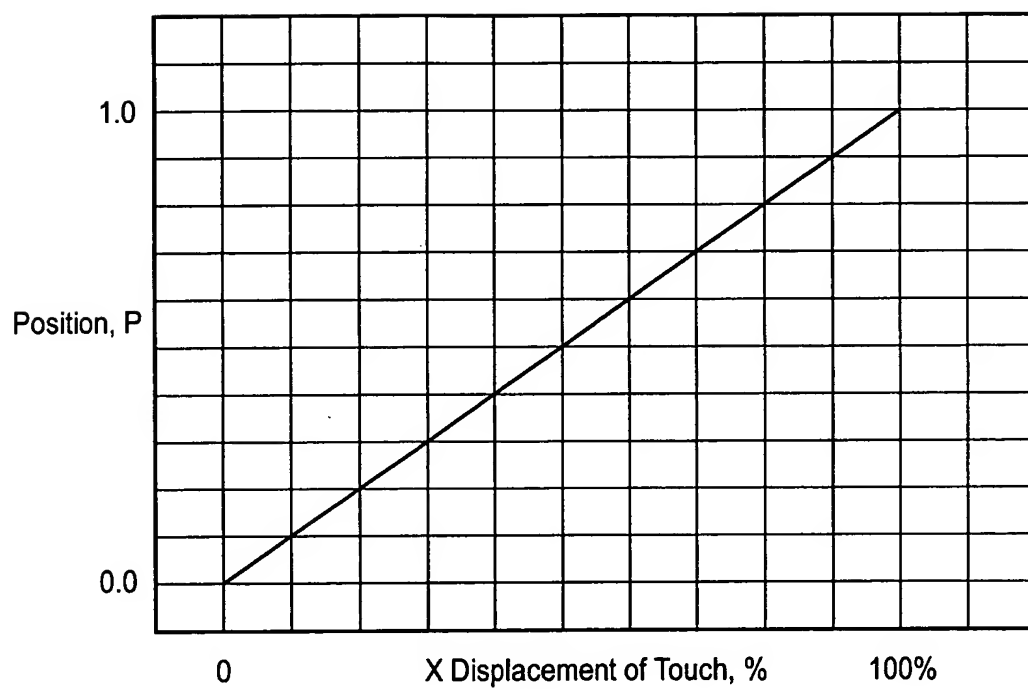


Fig. 4

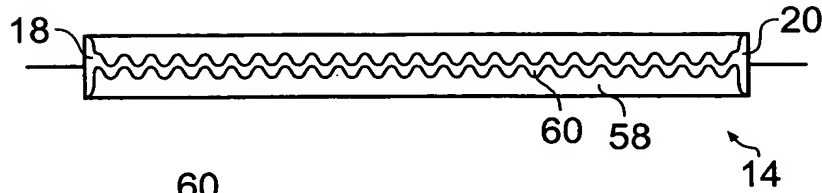


Fig. 5

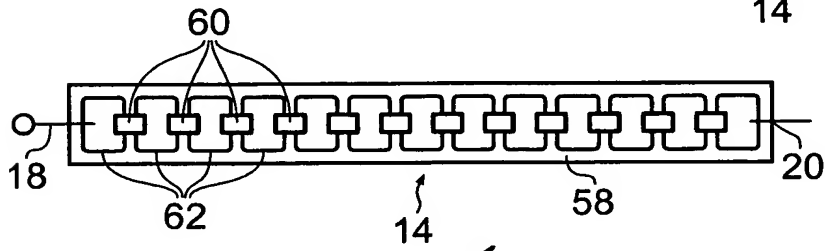


Fig. 6a

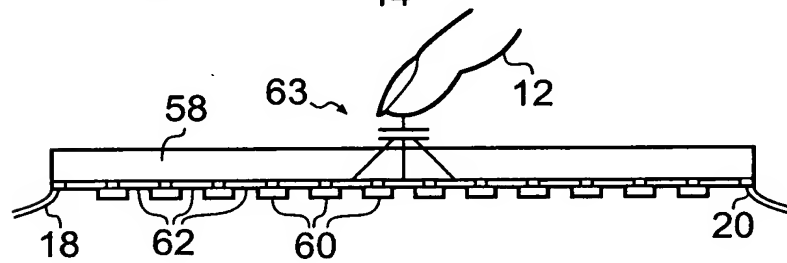


Fig. 6b

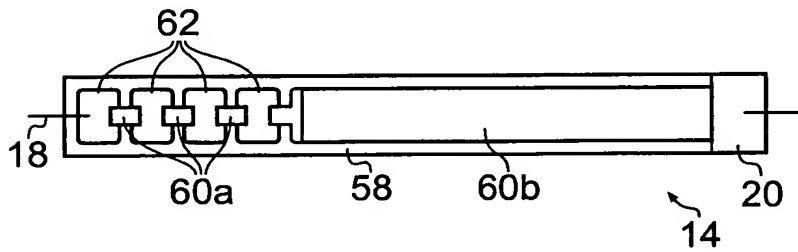


Fig. 7

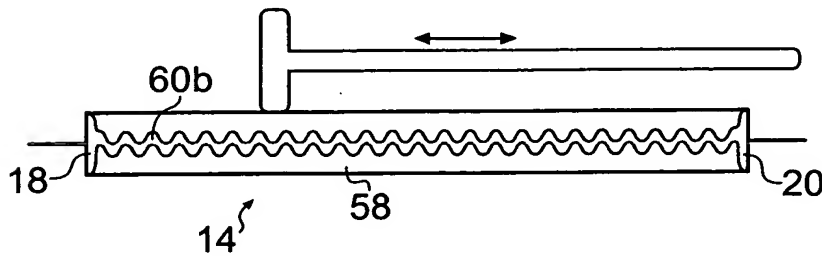


Fig. 9

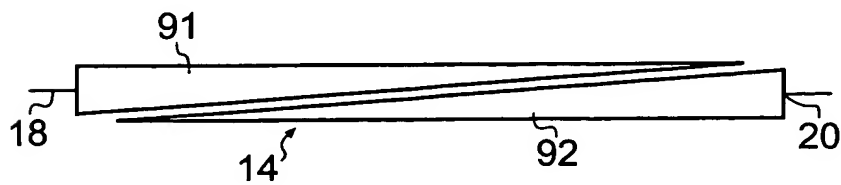


Fig. 15



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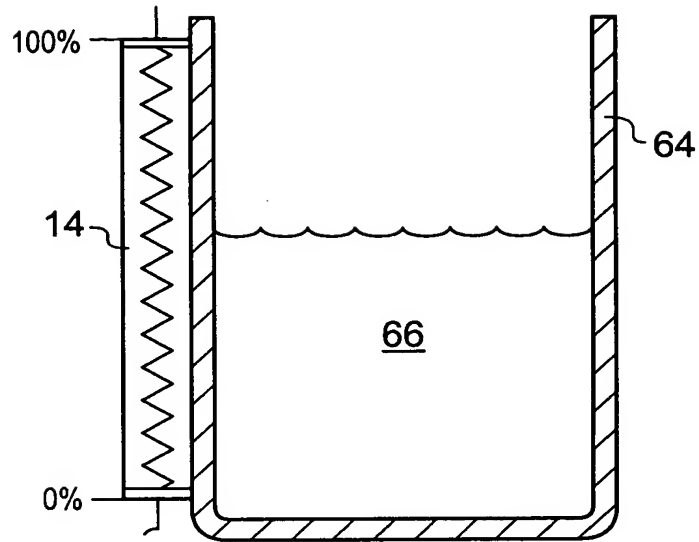


Fig. 8a

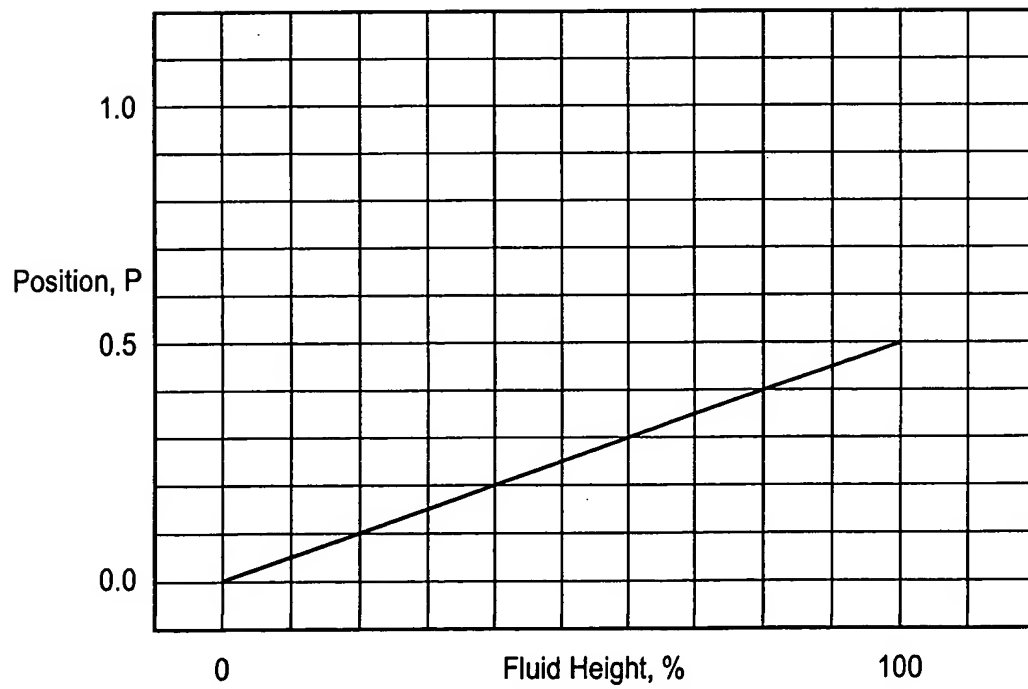


Fig. 8b

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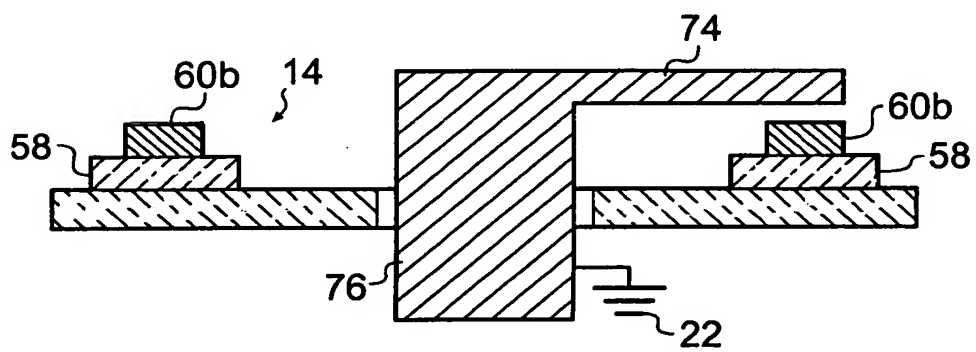
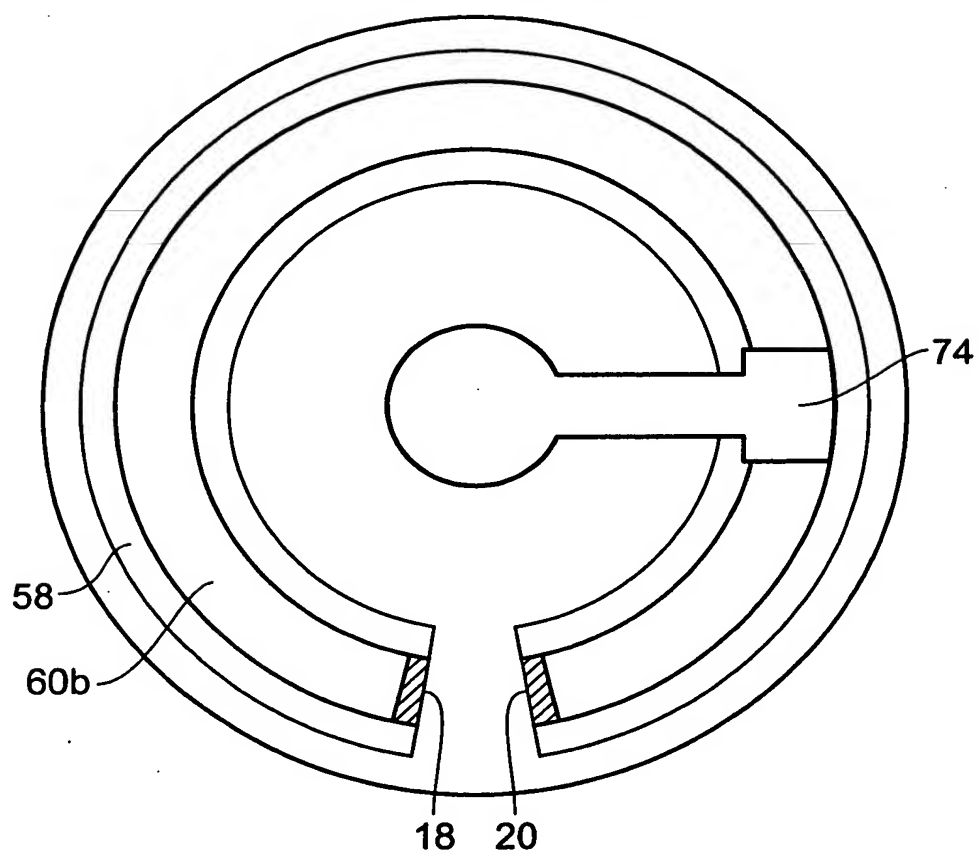


Fig. 10b

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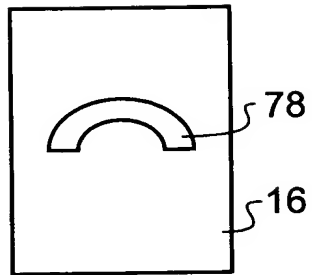


Fig. 11

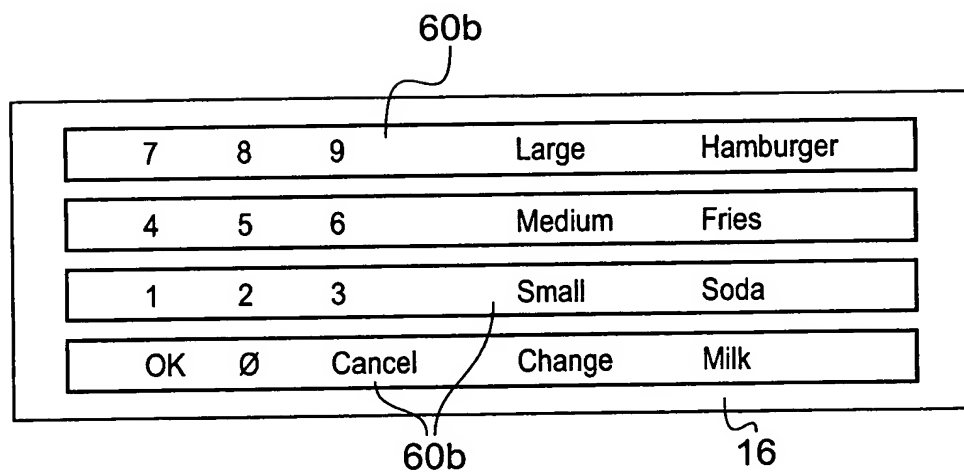


Fig. 12

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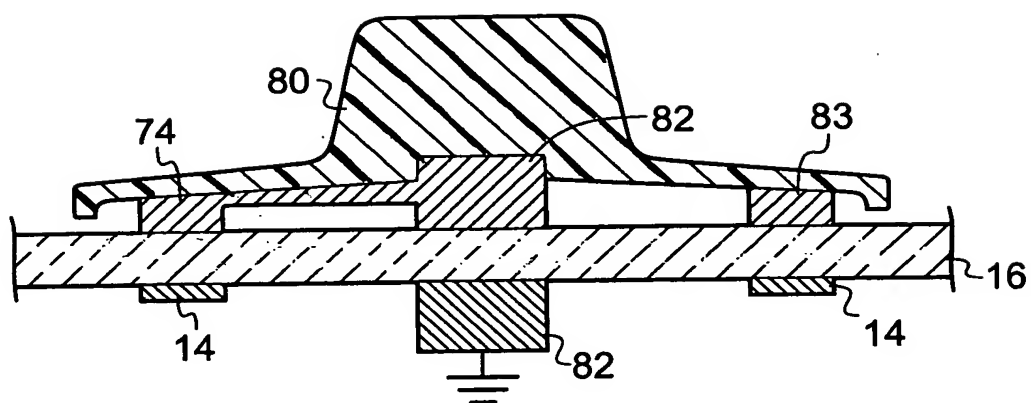


Fig. 13

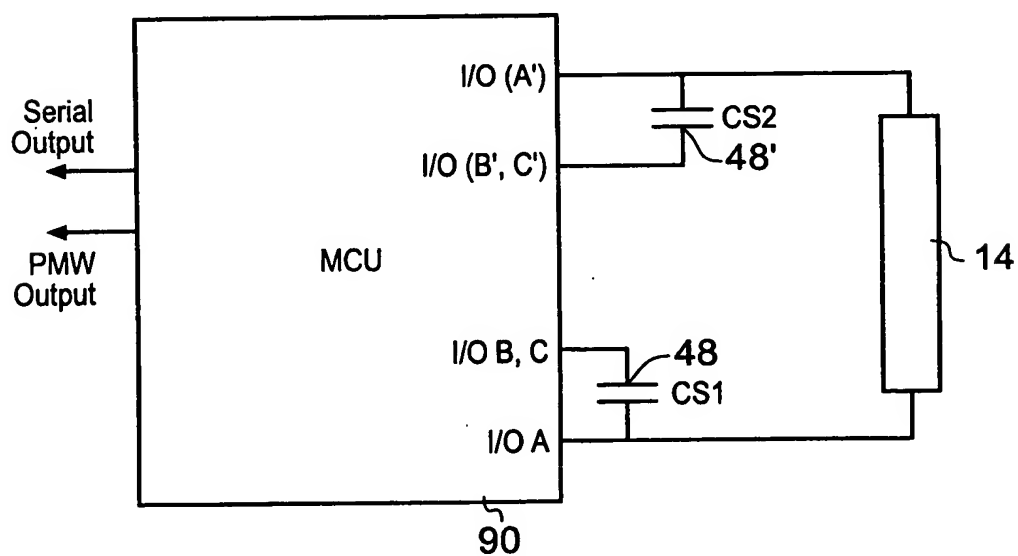


Fig. 14